

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
BERNARD L. SWEENEY\*  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
TERRY L. CLARK  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
DONALD J. DALEY  
JOHN W. BAILEY  
JOHN A. CASTELLANO  
GARY D. YACURA  
THOMAS S. AUCHTERLONIE  
MARK J. NUEL, Ph.D.

OF COUNSEL  
HERBERT M. BIRCH (1905-1996)  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT  
JAMES W. HELLWEGE

\*ADMITTED TO A BAR OTHER THAN VA

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
U S A  
(703) 205-8000

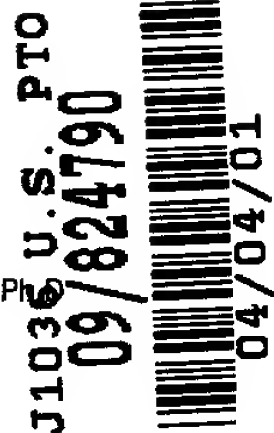
FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICE  
COSTA MESA, CALIFORNIA

JAMES T. ELLER, JR.  
SCOTT L. LOWE  
D. RICHARD ANDERSON  
PAUL C. LEWIS  
MARK W. MILSTEAD\*  
RICHARD J. GALLAGHER  
JAYNE M. SAYDAH\*  
MARYANNE ARMSTRONG, Ph.D.  
HYUNG N. SOHN  
KECIA J. REYNOLDS  
ROBERT L. SCOTT, II  
KALPANA REDDY

REG. PATENT AGENTS  
FREDERICK R. HANDREN  
MAKI HATSUMI  
CRAIG A. McROBBIE  
GARTH M. DAHLEN, Ph.D.  
ROBERT E. GOOZNER, Ph.D.  
MATTHEW J. LATTIG  
TIMOTHY R. WYCKOFF  
KRISTI L. RUPERT, Ph.D.  
LARRY J. HUME  
ALBERT K. LEE  
HRAYR A. SAYADIAN, Ph.D.  
MATTHEW T. SHANLEY  
JASON W. RHODES  
CHRISTINA F. ANNICK



Date: April 4, 2001

Docket No.: 2750-1434P

## BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of the following Provisional Applications:

Application No.	Filing Date
60/194,385	4/4/00
60/194,682	4/5/00
60/194,698	4/5/00
60/194,884	4/6/00
60/195,258	4/7/00
60/196,168	4/11/00
60/196,483	4/12/00
60/197,397	4/14/00
60/198,268	4/17/00
60/198,400	4/19/00
60/198,629	4/20/00
60/198,765	4/21/00
60/199,123	4/24/00

Inventor(s): Victor SOLOVYEV

For: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING  
POLYPEPTIDES ENCODED THEREBY

Enclosed are:

- ☒ A specification consisting of a description (96 pages), claims (3 pages), a schematic (1 page), and an abstract (1 page) totaling one-hundred and one (101) pages
- ☐ ( ) sheet(s) of formal drawings
- ☐ Certified copy of Priority Document(s)
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☒ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☐ Preliminary Amendment
- ☒ Information Sheet
- ☐ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Amend the specification by inserting before the first line the sentence:  
 --This application claims priority on provisional Application No. , filed on , the entire contents of which are hereby incorporated by reference.--
- ☒ Two identical CD-Rs created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
010214 Protein Domain Table	February 14, 2001	2.18 MB
2750-1434P Table 1	April 3, 2001	947 KB

- ☐ Amend the specification by inserting before the first line the sentence:  
 --This application contains a CDR, the entire contents of which are hereby incorporated by reference. The CDR contains the following files:

File Name	Date of Creation	File Size
010214 Protein Domain Table	February 14, 2001	2.18 MB
2750-1434P Table 1	April 3, 2001	947 KB

- ☒ Other: ATCC Deposit receipts PTA-595, PTA-1161, PTA-1411, PTA-2007; Information Sheet; Request for Nonpublication; Compact Disk Transmittal Letter

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$710.00	\$355.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	20- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	3- 3 =	0	x 80 = \$0.00	x 40 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$270.00	+ \$135.00
TOTAL			\$0.00	\$355.00

- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.

☒ Please charge Deposit Account No. 50-1055 in the amount of \$355.00 to cover the filing fee. A triplicate copy of this transmittal form is enclosed.

☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP - **Customer No. 2292**  
P.O. Box 747  
Falls Church, VA 22040-0747  
Telephone: (703) 205-8000

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By *Raymond C. Stewart* #36,623  
Raymond C. Stewart, #21,066

RCS/DRN/CAV  
2750-1434P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments

IN THE U.S. PATENT AND TRADEMARK OFFICE

**COMPACT DISK TRANSMITTAL LETTER**

Applicant: Victor SOLOVYEV  
Appl. No.: NEW  
Filed: April 4, 2001  
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND  
CORRESPONDING POLYPEPTIDES ENCODED THEREBY

The application identified above contains two (2) identical CD-Rs created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
010214 Protein Domain Table	February 14, 2001	2.18 MB
2750-1434P Table 1	April 3, 2001	947 KB

If there are any problems concerning the Compact Disk Submission, please contact the undersigned at telephone number 703-205-8000 or by facsimile at 703-205-8050.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By *Raymond C. Stewart* <sup>#</sup>36,623 Date: 04/04/2001  
Raymond C. Stewart, #21,066  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

RCS/DRN/CAV  
2750-1434P

Attachments

IN THE U.S. PATENT AND TRADEMARK OFFICE

I N F O R M A T I O N   S H E E T

Applicant: Victor SOLOVYEV

Appl. No.: NEW

Filed: April 4, 2001

For: SEQUENCE-DETERMINED DNA FRAGMENTS AND  
CORRESPONDING POLYPEPTIDES ENCODED THEREBY

Priority Claimed:

Attorney No.	Application No.	Filing Date
2750-0785P	60/194,385	4/4/00
2750-0789P	60/194,682	4/5/00
2750-0792P	60/194,698	4/5/00
2750-0784P	60/194,884	4/6/00
2750-0797P	60/195,258	4/7/00
2750-0802P	60/196,168	4/11/00
2750-0805P	60/196,483	4/12/00
2750-0814P	60/197,397	4/14/00
2750-0817P	60/198,268	4/17/00
2750-0820P	60/198,400	4/19/00
2750-0823P	60/198,629	4/20/00
2750-0826P	60/198,765	4/21/00
2750-0829P	60/199,123	4/24/00

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or **CUSTOMER NO. 2292**  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

The above information is submitted to advise the U.S.P.T.O. of  
all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R.  
§ 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Raymond C. Stewart #21,066  
Raymond C. Stewart, #21,066

RCS/DRN/CAV  
2750-1434P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Victor SOLOVYEV  
Appl. No.: NEW Group: UNASSIGNED  
Filed: April 4, 2001 Examiner: UNASSIGNED  
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND  
CORRESPONDING POLYPEPTIDES ENCODED  
THEREBY

REQUEST AND CERTIFICATION  
UNDER 35 U.S.C. § 122(b)(2)(B)(i)

Assistant Commissioner for Patents  
Washington, DC 20231

April 4, 2001

Sir:

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By *Ray C. Stewart* #36,623  
Raymond C. Stewart, #21,066

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